

QY 41 EBY 43
I :
Db 86 EYF 88

RESULT 8

US-09-066-408-11
; Sequence 11, Application US/09066408
; Patent No. 6060448
; GENERAL INFORMATION:
; APPLICANT: Smith, John Arthur
; APPLICANT: Wilkinson, Mark Charles
; APPLICANT: Liu, Qing-Ming
; TITLE OF INVENTION: Casein Fragments Having Growth Promoting
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/066,408
; FILING DATE: 13-MAR-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/GB96/02658
; FILING DATE: 31-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9522302.0
; FILING DATE: 31-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Dow, Karen B.
; REGISTRATION NUMBER: 29,684
; REFERENCE/DOCKET NUMBER: 018317-00010005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 223 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; FEATURE:
; NAME/KEY: Protein
; LOCATION: 1..223
; OTHER INFORMATION: /note="sheep alpha-s2 casein
; OTHER INFORMATION: precursor."
US-09-066-408-11

Query Match 24.6%; Score 61; DB 3; Length 223;
Best Local Similarity 26.7%; Pred. No. 8.5;
Matches 12; Conservative 12; Mismatches 19; Indels 2; Gaps 1;

QY 1 NQEDPTECCQCCRCRQOESDPQOQYCCRRCKEICE--EEEEY 43
Db 24 SSEEPIINISQELIYKQKKNMAHPRREKILCTTSCSEYVNRADDEEY 68

RESULT 9
US-08-960-022-14
; Sequence 14, Application US/08960022

; Patent No. 5976837
; GENERAL INFORMATION:
; APPLICANT: Jacobs, Kenneth
; APPLICANT: McCoy, John M.
; APPLICANT: Lavallee, Edward R.
; APPLICANT: Racie, Lisa A.
; APPLICANT: Merberg, David
; APPLICANT: Treacy, Maurice
; APPLICANT: Spaulding, Vikki
; APPLICANT: Agostino, Michael J.
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genetics Institute, Inc.
; STREET: 87 Cambridgepark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: U.S.A.
; ZIP: 02140

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/960,022
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sprunger, Suzanne A.
; REGISTRATION NUMBER: 41,323
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 498-8284
; TELEFAX: (617) 876-5851
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 514 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-960-022-14

Query Match 23.6%; Score 58.5; DB 2; Length 514;
Best Local Similarity 31.4%; Pred. No. 34;
Matches 11; Conservative 10; Mismatches 13; Indels 1; Gaps 1;

QY 10 QOCRCRQOESDPQOQYCCRRCKEI-CEEEY 43
Db 403 EKQREARQOERARQKHNESLKLNCCKENF 437

RESULT 10
US-09-066-408-7
; Sequence 7, Application US/09066408
; Patent No. 6060448
; GENERAL INFORMATION:
; APPLICANT: Smith, John Arthur
; APPLICANT: Wilkinson, Mark Charles
; APPLICANT: Liu, Qing-Ming
; TITLE OF INVENTION: Casein Fragments Having Growth Promoting
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/066,408
FILING DATE: 13-MAR-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB96/02658
FILING DATE: 31-OCT-1996
PRIOR APPLICATION DATA: GB 9522302.0
FILING DATE: 31-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Dow, Karen B.
REGISTRATION NUMBER: 29,684
REFERENCE/DOCKET NUMBER: 018317-000100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 223 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..223
OTHER INFORMATION: /note="goat alpha-S2 casein
US-09-066-408-7

Query Match 23.4%; Score 58; DB 3; Length 223;
Best Local Similarity 26.7%; Pred. No. 17;
Matches 12; Conservative 11; Mismatches 20; Indels 2; Gaps 1;

QY 1 NOBDPQTECQCRCRCQESDPRQOQYCORCKEICE--EEEEY 43
Db 24 SSEPINIFOEIKQEKNAIHRKELCTTSCSEVVRNANESEY 68

RESULT 11
US-09-066-408-8
Sequence 8, Application US/09066408
Patent No. 6060448
GENERAL INFORMATION:
APPLICANT: Smith, John Arthur
APPLICANT: Wilkinson, Mark Charles
APPLICANT: Liu, Qing-Ming
TITLE OF INVENTION: Casein Fragments Having Growth Promoting
TITLE OF INVENTION: Activity
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/066,408
FILING DATE: 13-MAR-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:

APPLICATION NUMBER: WO PCT/GB96/02658
FILING DATE: 31-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9522302.0
FILING DATE: 31-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Dow, Karen B.
REGISTRATION NUMBER: 29,684
REFERENCE/DOCKET NUMBER: 018317-000100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 223 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: protein
FEATURE:
NAME/KEY: Protein
LOCATION: 1..223
OTHER INFORMATION: /note="goat alpha-S2 casein
US-09-066-408-8

Query Match 23.4%; Score 58; DB 3; Length 223;
Best Local Similarity 26.7%; Pred. No. 17;
Matches 12; Conservative 11; Mismatches 20; Indels 2; Gaps 1;

QY 1 NOBDPQTECQCRCRCQESDPRQOQYCORCKEICE--EEEEY 43
Db 24 SSEPINIFOEIKQEKNAIHRKELCTTSCSEVVRNANESEY 68

RESULT 12
US-09-066-408-9
Sequence 9, Application US/09066408
Patent No. 6060448
GENERAL INFORMATION:
APPLICANT: Smith, John Arthur
APPLICANT: Wilkinson, Mark Charles
APPLICANT: Liu, Qing-Ming
TITLE OF INVENTION: Casein Fragments Having Growth Promoting
TITLE OF INVENTION: Activity
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/066,408
FILING DATE: 13-MAR-1998
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/GB96/02658
FILING DATE: 31-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9522302.0
FILING DATE: 31-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Dow, Karen B.
REGISTRATION NUMBER: 29,684
REFERENCE/DOCKET NUMBER: 018317-000100US


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: CLASSIFICATION: 536
: ATTORNEY/AGENT INFORMATION:
: NAME: Connell, Gary J.
: REGISTRATION NUMBER: 33,020
: REFERENCE/DOCKET NUMBER: 2618-13-1
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (303) 863-9700
: TELEFAX: (303) 863-0223
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 303 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: US-08-459-019A-2

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Query Match      23.0%; Score 57; DB 1; Length 303;
Best Local Similarity 32.0%; Pred. No. 29;
Matches 16; Conservative 12; Mismatches 14; Indels 8; Gaps 2;

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OY 2 QEDPOTEC-----OQCQRCHROESDPRQOQYCORCKEICEEE--EEY 43
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Db 242 QEEEEQERLREYEFQIQEKLNQEEERERQEEERQKERERMEQERIRQEY 291

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